TP5000 Si Range

Electronic Programmable Thermostats

*Now with **NEW** additional features*

TP5000 Si

- **NEW**: Service Interval Function
- **NEW**: Factory Set Clock
- **NEW**: Automatic BST/GMT Time Change
- Stylish modern design
- Large easy to read LCD display
- Easy to programme and operate
- Available in hard-wired, wireless and remote sensor versions
- Battery powered for ease of installation
- Many additional advanced features

RX-1

RX-3

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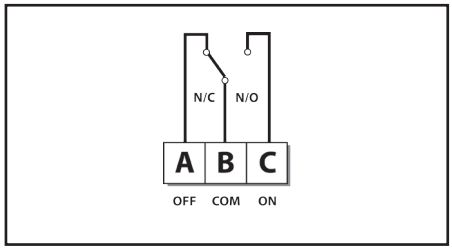
TP5000 Si

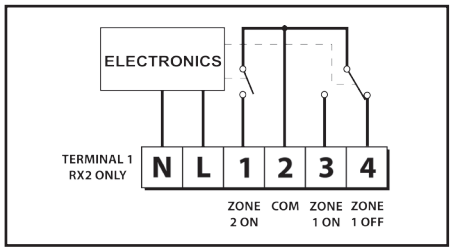
Electronic Programmable Thermostats

The TP5000 Si is an easy to install-and-use 5/2 day programmable room thermostat which offers up to six time and temperature changes each day with different programmes for weekdays and weekends. However the TP5000 Si goes far beyond this. Battery powered for ease of installation, the TP5000 Si has a large, easy-to-read LCD display. It is easy to programme and operate because of a built-in switching programme that the user can easily change to suit individual heating requirements. The TP5000 Si is available in hard-wired and wireless (RF) versions. A big plus with the TP5000 Si is that it incorporates a real time clock and calendar function which eliminates the need for time-setting and BST/GMT time changes. Time and date are factory-set making time setting or adjustment unnecessary.

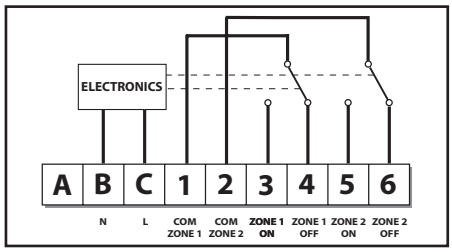
Wiring Details



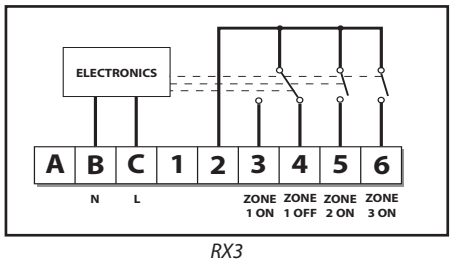
TP5000 Si



RX1 & RX2



RX2-C



RX3

Conventional On/Off control is the standard setting for the TP5000 Si but advanced chrono-proportional control is an installer-set option. This modulating control mode uses a cycling pattern within which boiler on/off percentages are varied to satisfy heating requirements.
Chrono-proportional cycling rates of 3, 6, 9 or 12 per hour can be selected.

TP5000-RF Si & RX1 Reciever 087N700500

Service Interval function

The optional Service Interval function incorporated into the TP5000 Si helps landlords meet the boiler servicing requirements of Gas Safety Regulation 36. The unit provides audible and visual warnings from 28 days before servicing is due and ultimately reduces the heating output should the due date pass. Full heating operation can only be restored by an authorised installer.

Other features

Some other features of the TP5000 Si are:

- *Battery-powered hard-wired and RF versions.*
- *Selectable 6, 4 or 2 events per day.*
- *Programmable remote sensor inputs including remote room sensing, limit sensing for floor heating applications and tele-switch or window switch sensing.*
- *Selectable operating modes 5/2 day, 24 hour or A/B block programming.*
- *Fixed time, delayed start or optimum start options.*
- *All user settings, including overrides, stored in non-volatile memory independent of battery state.*
- *Thermostat mode and frost protection.*

Hard-wired versions	**TP5000 Si**	**TP5000A Si**
Code No.	087N791000	087N791100
Wireless versions	**TP5000-RF Si**	**TP5000A-RF Si**
Code No. without receiver	087N791200	087N791300
Code No. for set c/w single channel receiver	087N791400	
Programmable 5/2 day operation	•	•
Number of events per day	6, 4 or 2	
Temperature range	Off, 5-30°C	
Clock display	24 hour	24 hour
Factory pre-set programmes	Yes	Yes
Room temperature override	Yes	Adjustable
Display time or temperature option	Yes	Yes
Thermostat mode & frost protection	Yes	Yes
Weekend into weekday override	Yes	Yes
Chrono-proportional or on/off control option	Yes	
Power supply, thermostats	2 x AA/MN1500/LR6 alkaline batteries (1)	
Maximum ambient temperature	45°C	
Contact type and rating (hard-wired models)	10-230 Vac, 3(1)A	
Transmitter/receiver frequency (RF models)	433.92 MHz	
Transmitter range (RF models)	30 metres max. (2)	
Dimensions (mm)	110 wide x 88 high x 28 deep	

Notes:
(1) Memory is retained for 1 minute during battery change
(2) Please ensure there are no large metal objects between thermostat and receiver as these will interfere with radio signal.

Receivers (RF models)	**RX-1**	**RX-2**	**RX-2C**	**RX-3**
Code No.	087N747600	087N747700	087N747900	087N747800
Number of zones receiver covers	1	2	2	3
Power supply (receivers)	230 Vac, ±15%, 50/60 Hz			
Contact details	1-SPDT	1-SPDT, 1-SPST	2-SPDT	1-SPDT, 2-SPST
Contact rating	10-230 Vac, 3(1)A			
Dimensions (mm)	138 wide x 88 high x 32 deep			

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